

RECEIVED

JUL 13 2011

KCC WICHITA

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM ORIGINAL  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 7064  
Name: Cattlemans Oil Operations  
Address 1: 2260 Catherine Road  
Address 2: \_\_\_\_\_  
City: Hays State: KS Zip: 67601 + \_\_\_\_\_  
Contact Person: Leo Dorzweiler  
Phone: (785) 623-6847  
CONTRACTOR: License # 31548  
Name: Discovery Drilling Co., Inc.  
Wellsite Geologist: Matt Dreiling  
Purchaser: \_\_\_\_\_

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  WSW  SWD  SIOW  
 Gas  D&A  ENHR  SIGW  
 OG  GSW  Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to ENHR  Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled Permit #: \_\_\_\_\_  
 Dual Completion Permit #: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  
 ENHR Permit #: \_\_\_\_\_  
 GSW Permit #: \_\_\_\_\_

5/16/2011 5/20/2011 5/21/2011  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 051-26,129-00-00  
Spot Description: 150'S of  
NW SE NW Sec. 21 Twp. 11 S. R. 17  East  West  
3,480 Feet from  North /  South Line of Section  
3,630 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ellis  
Lease Name: Hadley Well #: 10  
Field Name: Bemis-Shutts  
Producing Formation: Arbuckle  
Elevation: Ground: 1828 Kelly Bushing: 1836  
Total Depth: 3461 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 210 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1256 Feet  
If Alternate II completion, cement circulated from: 1256  
feet depth to: surface w/ 150 sx cmt.  
3%CC 2%Gel

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content: 16,000 ppm Fluid volume: 320 bbls  
Dewatering method used: Hauled free fluids  
Location of fluid disposal if hauled offsite:  
Operator Name: Cattlemans Oil Operations  
Lease Name: Mai License #: 7064  
Quarter SE Sec. 14 Twp. 11 S. R. 17  East  West  
County: Ellis Permit #: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Leo Dorzweiler  
Title: OWNER Date: 5-7-11

KCC Office Use ONLY

Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: DJG Date: 7/13/11

Operator Name: Cattlemans Oil Operations Lease Name: Hadley Well #: 10  
 Sec. 21 Twp. 11 S. R. 17  East  West County: Ellis

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No

Electric Log Submitted Electronically  Yes  No  
 (If no. Submit Copy)

List All E. Logs Run:

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Anhydrite	1060	788
Topeka	2787	939
Heebner	3018	1170
Toronto	3038	1190
Lansing	3064	1216
BLKC	3298	1450
Arb.	3356	1507
RTD	3461	

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Pipe	12 1/4	8 5/8	23	210	Common	150	2%Gel&3%CC
Production String	7 7/8	5 1/2	15.5	3460	Common	180	10%Salt
	Cement to surface		Port Collar @	1256	Hi Density 150		

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	3356-63		

TUBING RECORD:		Size: <u>2 7/8</u>	Set At: <u>3400</u>	Packer At: <u>NA</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>25</u>		<u>150</u>		<u>31</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 4921

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-22-11				Ellis	KS		11:45 AM
Lease	Well No.		Location				
Hadley	#10		Toulon Rd - N to open Range, 22				
Contractor	Owner			To			
Cattleman's oil	E into just after 4th Cattle Guard			Quality Oilwell Cementing, Inc.			
Type Job	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Hole Size	T.D.	Charge To					
5 1/2"	1256'	Cattleman's oil					
Csg.	Depth	Street					
5 1/2"	1256'						
Tbg. Size	Depth	City					
2 1/8"	1256'	State					
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.					
Port Collar	1256'						
Cement Left in Csg.	Shoe Joint	Cement Amount Ordered					
		250 SX QMDC					
Meas Line	Displace	Used 150					
	6 BLS						
<b>EQUIPMENT</b>							
Pumptrk	No.	Cement. Helper	Common				
1		Cisco					
Bulktrk	No.	Driver	Poz. Mix				
10		Cozy					
Bulktrk	No.	Driver	Gel				
piu		Rick					
<b>JOB SERVICES &amp; REMARKS</b>							
Remarks:	RECEIVED						
Cement did Circulate	JUL 13 2011						
Rat Hole	KCC WICHITA						
Mouse Hole							
Centralizers							
Baskets							
D/V or Port Collar							
Load hole, Pressure to 500# to make sure tool closed, open to establish hole mix cement.	Sand						
until circulated with 150 sx QMDC - Displaced with 6 BLS of H2O. Closed tool	Handling 150						
Run 50' tubing + wash Clean PTOH, Wash up + Rigged down.	Mileage						
	FLOAT EQUIPMENT						
	Guide Shoe						
	Centralizer						
	Baskets						
	AFU Inserts						
	Float Shoe						
	Latch Down						
	Pumptrk Charge						
	port collar						
	Mileage 17						
	Tax						
	Discount						
	Total Charge						
Signature							

**QUALITY OILWELL CEMENTING, INC.**

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 52 Russell, KS 67665

No. 4839

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-21-11	21	11	17	Ellis	KS		12:45a.m

Lease Hawley Well No. 10 Location Taylor v Open Range

Contractor: Discovery #4 Owner \_\_\_\_\_

Type Job Production String To Quality Oilwell Cementing, Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size 7 7/8 T.D. 3461 Charge To Cattlemans Oil

Csg. 5 1/2 1530 Depth 3460 To \_\_\_\_\_

Tbg. Size \_\_\_\_\_ Depth \_\_\_\_\_ Street \_\_\_\_\_

Tool Port Collar Depth 1256 City \_\_\_\_\_ State \_\_\_\_\_

Cement Left in Csg. 20 Shoe Joint 20 The above was done to satisfaction and supervision of owner agent or contractor.

Meas Line \_\_\_\_\_ Displace 81 3/4 BBL Cement Amount Ordered 225 com 10% Selt

**EQUIPMENT**

Pumptrk No. <u>9</u> Cementer <u>Chris</u> Helper _____	500 gal Mud Clear
Bulktrk No. <u>9</u> Driver <u>Heale</u>	Common <u>225</u>
Bulktrk No. <u>8</u> Driver <u>Susan</u>	Poz. Mix _____
	Gal. _____

**JOB SERVICES & REMARKS**

Remarks: \_\_\_\_\_ HULLS \_\_\_\_\_

Rat. Hole 30 Salt 19 RECEIVED JUL 13 2011

Mouse Hole 15 Flowseal \_\_\_\_\_

Centralizers \_\_\_\_\_ Kol-Seal \_\_\_\_\_

Baskets \_\_\_\_\_ Mud CLR 48 500 gal

D/V or Port Collar Port Collar #53 @ 1256 CFL-117 or CD110 CAF 38

5 1/2 size @ 3460 in size @ 3440 Sand \_\_\_\_\_

Est Circulation Pump 500 gal Mud Clear Handling 244

Plug Retainer Masehole mix 180 SIC Down Mileage \_\_\_\_\_

5 1/2 Displace **FLOAT EQUIPMENT**

Plug landed @ 1500 ps Guide Shoe 1 5/2

Float Held Centralizer 6

Baskets 3

AFU Inserts 1

Float Shoe 1 Port Collar

Latch Down 1 Plug

Pumptrk Charge prod long string

Mileage 17

Signature Michael Swack Tax \_\_\_\_\_ Discount \_\_\_\_\_ Total Charge \_\_\_\_\_

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 4913

Cell 785-324-1041

Date: <i>S-16-11</i>	Sec. <i>21</i>	Twp. <i>11</i>	Range <i>17</i>	County <i>Ellis</i>	State <i>Ks</i>	On Location	Finish <i>10:15 PM</i>
Lease <i>Hadley</i>	Well No. <i>#10</i>		Location <i>D No + Tolan Rd, N on Tolan Rd to upper lane</i>				
Contractor <i>Discovery #4</i>				Owner <i>N to 4th Cattle Brand, just past Cib., IE</i>			
Type Job <i>Surface</i>	Hole Size <i>12 1/4"</i>			T.D. <i>210'</i>	To Quality Oilwell Cementing, Inc. <i>Eq</i>		
Csg. <i>8 3/8"</i>	Depth <i>210'</i>		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.				
Tbg. Size	Depth		Charge To <i>Cattlemen's Oil</i>				
Tool	Depth		Street				
Cement Left in Csg. <i>15'</i>	Shoe Joint <i>15'</i>		City				
Meas Line	Displace <i>12 1/4 BLS</i>		State				
				The above was done to satisfaction and supervision of owner agent or contractor.			
				Cement Amount Ordered <i>150 SX Common 3% CC 2% G.E.</i>			

**EQUIPMENT**

Pumptrk <i>1</i> No.	Cement Helper <i>Cisco</i>	Common <i>150</i>
Bulktrk <i>10</i> No.	Driver <i>Cory</i>	Poz. Mix
Bulktrk <i>pin.</i> No.	Driver <i>Rick</i>	Gel. <i>3</i>

**JOB SERVICES & REMARKS**

Remarks: *Cement dil. Circulate*

Rat Hole	Salt	<b>KCC WICHITA</b>
Mouse Hole	Flowseal	
Centralizers	Kol-Seal	
Baskets	Mud CLR 48	
D/V or Port Collar	CFL-117 or CD110 CAF 38	
	Sand	
	Handling <i>158</i>	
	Mileage	

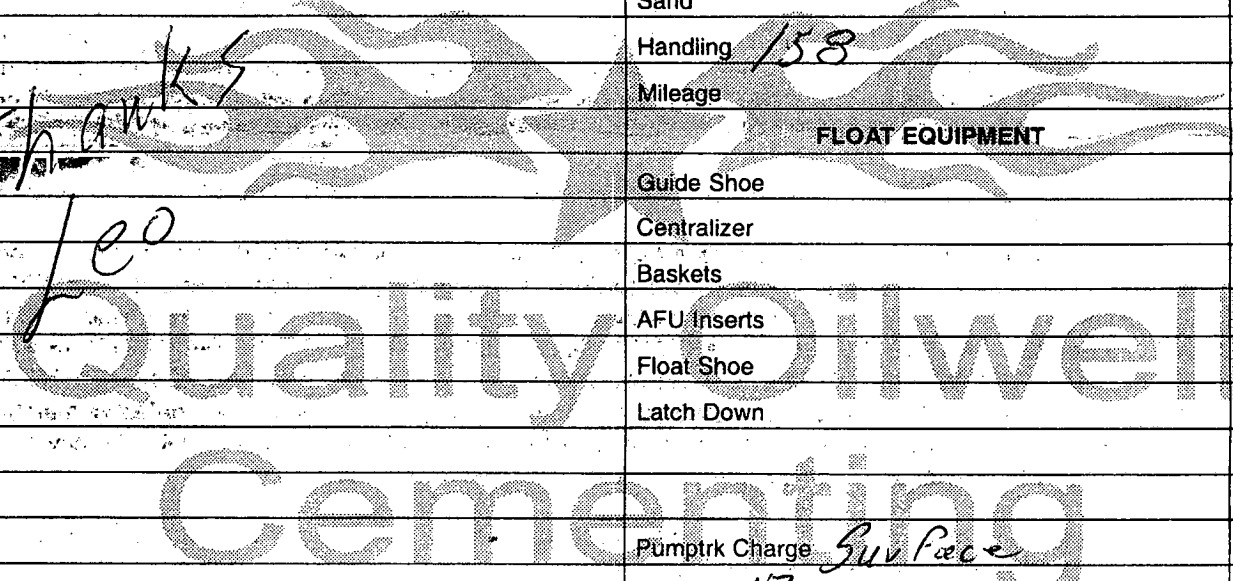
**FLOAT EQUIPMENT**

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down

Pumptrk Charge <i>Surface</i>
Mileage <i>17</i>

Tax
Discount
Total Charge

Signature *Michael Joseph*





# Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

RECEIVED  
JUL 13 2011  
KCC WICHITA

## DRILLER'S LOG

Operator: Cattlemans Oil Operations Lic# 7064 Contractor: Discovery Drilling Co., Inc. LIC#31548  
2260 Catherine Road PO Box 763  
Hays, KS 67601 Hays, KS 67601

Lease: Hadley # 10 Location: 150'S of NW/SE/NW  
Section 21/11S/17W  
Ellis Co., KS

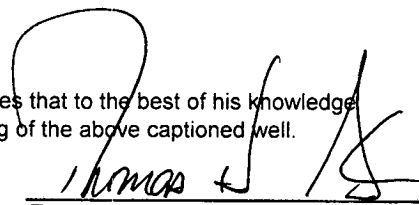
Loggers Total Depth: 3459' API#15- 051-26, 129-00-00  
Rotary Total Depth: 3461' Elevation: 1828 GL / 1836 KB  
Commenced: 5/16/2011 Completed: 5/21/2011  
Casing: 8 5/8" @ 201'W/150sks Status: Oilwell  
5 1/2" @ 3460'W/180sks  
Port Collar @ 1256'

### DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>1106'</u>
Dakota Sand	<u>409'</u>	Shale & Lime	<u>1680'</u>
Shale	<u>512'</u>	Shale	<u>2189'</u>
Cedar Hill Sand	<u>595'</u>	Shale & Lime	<u>2639'</u>
Red Bed Shale	<u>770'</u>	Lime & Shale	<u>3019'</u>
Anhydrite	<u>1064'</u>	RTD	<u>3461'</u>
Base Anhydrite	<u>1106'</u>		

STATE OF KANSAS )  
) ss  
COUNTY OF ELLIS )


Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

  
\_\_\_\_\_  
Thomas H. Alm

Subscribed and sworn to before me on 5-25-11

My Commission expires: 8-9-11

(Place stamp or seal below)

  
\_\_\_\_\_  
Notary Public

